

ABSTRACT

An optical deflection matrix including at least two optical deflection modules each for providing, from an incoming beam having a given direction of propagation, an output beam having a direction of propagation taken in a set of potential directions. The modules each include a single deflection element of the incoming beam capable of assuming plural potential positions in relation to the potential directions of the set and two fixed return elements, on either side of the deflection element, a main potential position of the deflection element leading to a principal direction of the set, this principal direction being colinear with the given direction of propagation of the incoming beam, the principal directions of the deflection modules being located in the same plane. The matrix may find particular application to routing of beams.